

IN THE CLAIMS

Please amend the claims as follows:

Claim 1. (Currently Amended) A power transmission chain ~~including~~; comprising:
a plurality of links having front and back insertion parts into which pins are inserted;
and

a plurality of first pins and a plurality of second pins for connecting the links aligned
in a chain width direction so as to be bendable in a longitudinal direction such that a front
insertion part of one link and a back insertion part of another link correspond to each other, in
which a first pin fixed to a front insertion part of one link and movably fitted in a back
insertion part of another link and a second pin movably fitted in the front insertion part of the
one link and fixed to the back insertion part of the other link move relatively in a rolling
contacting manner so as to enable bending in a longitudinal direction between the links,

wherein ~~the fixing of pins are fixed~~ to the front and back insertion parts ~~are performed~~
by one of fitting by mechanical press-in, shrink-fitting, or cool-fitting,

and wherein at least one of following conditions is satisfied[[]];

~~a condition that~~ a difference in dimension between the pins and the front and back
insertion parts is 0.005 mm to 0.1 mm;

~~a condition that~~ maximum tensile stress in a periphery of the insertion part after fitting
is not more than 1000 MPa; and

stress in the periphery of the insertion part after fitting is 3 to 80% of ~~stress in an~~
elastic ~~modification~~ limit.

Claim 2. (Original) The power transmission chain as claimed in claim 1, wherein the
fitting is performed by mechanical press-in, and a press-in margin is 0.005 mm to 0.1 mm.

Claim 3. (Original) The power transmission chain as claimed in claim 1, wherein the fitting is performed by mechanical press-in, and the maximum tensile stress in the periphery of the insertion part after press-in is not more than 1000 MPa.

Claim 4. (Currently Amended) The power transmission chain as claimed in claim 1, wherein the fitting is performed by mechanical press-in, and the stress in the periphery of the insertion part after press-in is 3 to 80% of ~~the stress in~~ the elastic ~~modification~~ limit.

Claim 5. (Original) The power transmission chain as claimed in claim 1, wherein the fitting is performed by shrink-fitting, and a difference in dimension between the pin and the insertion part before starting shrink-fitting is 0.005 mm to 0.1 mm.

Claim 6. (Original) The power transmission chain as claimed in claim 1, wherein the fitting is performed by shrink-fitting, and the maximum tensile stress in the periphery of the insertion part after completing shrink-fitting is not more than 1000 MPa.

Claim 7. (Currently Amended) The power transmission chain as claimed in claim 1, wherein the fitting is performed by shrink-fitting, and the stress in the periphery of the insertion part after completing shrink-fitting is 3 to 80% of the ~~stress in the~~ elastic ~~deformation~~ limit.

Claim 8. (Original) The power transmission chain as claimed in claim 1, wherein the fitting is performed by cool-fitting, and a difference in dimension between the pin and the insertion part before starting the cool-fitting is 0.005 mm to 0.1 mm.

Claim 9. (Original) The power transmission chain as claimed in claim 1, wherein the fitting is performed by cool-fitting, and the maximum tensile stress in the periphery of the insertion part after completing cool-fitting is not more than 1000 MPa.

Claim 10. (Currently Amended) The power transmission chain as claimed in claim 1, wherein the fitting is performed by cool-fitting, and the stress in the periphery of the insertion part after completing cool-fitting is 3 to 80% of the ~~stress in the elastic deformation~~ limit.

Claim 11. (Currently Amended) A power transmission device comprising[[;]]:
a first pulley including a sheave face in a conical surface shape;
a second pulley including a sheave face in a conical surface shape; and
a power transmission chain provided over the first pulley and the second pulley,
wherein the power transmission chain is according to any one of claims 1 to 10.

Claims 12-16. (Cancelled).